

FOLIO

UNIVERSITY OF ALBERTA
25 SEPTEMBER 1992



INSIDE

- Madam Justice Beverley McLachlin says legal services must be fine-tuned
- Physics Department's good fortune continues
- Complete program for Super Saturday

University blocks access to offensive material carried on Internet

The three files of offensive material discovered in the Internet system during the summer have been blocked from access through the University of Alberta's Computing and Network Services (CNS).

An ad hoc committee, formed to make recommendations to Lois Stanford, Vice-President (Student and Academic Services), determined that "two of the Usenet newsgroups appeared to be illegal under the Criminal Code, and a third was antithetical to the University's stated policy of providing a safe and comfortable work environment in which respect is shown for all groups and individuals in the community."

(At one point in its deliberations, the committee was briefed on a recent Supreme Court of Canada decision (*R. v. Butler*, 1992) in which the Criminal Code was held to take precedence over the Canadian Charter of Rights and Freedoms in the matter of the depiction of sexual violence and degradation of women.)

At its meeting last Friday, the University Computing Advisory Group (UCAG) agreed with the committee and, in concert with Dr Stanford, made the decision to block the files.

All material in question was pictorial, Dr Stanford said. "There was no redeeming value whatsoever, and no attempt at any." Dr Stanford also said she was "distressed" at having to ask members of the ad hoc committee to review the material.

Referring to the UCAG meeting, Dr Stanford said, "Everything we heard was on the side of 'this is not appropriate for our community.'" The numerous letters received in recent weeks (including a certain number from individuals off campus) "were all on the side of 'delete it, this is not appropriate.'"

A formal vote was not taken by UCAG, however, Dr Stanford said no one spoke in favour of retaining access to the files.

In anticipation of future queries about the legality or appropriateness of Internet material by members of the University community, UCAG, on the recommendation of the ad hoc committee, adopted a policy on network use that was developed at the University of Waterloo. The policy states:

- The University of Alberta should advise its user group that it is the responsibility of the user to take appropriate action in response to an item which he or she finds objectionable.

- The initial response of the user should be directly to the poster of the item, making clear the nature of the objection. (CNS can advise people on ways of strengthening their protest, Dr Stanford said.)

- In the event that this normal method for registering an objection is ineffective, the user should have recourse to the Director of CNS or her designate, who will identify a suitable authority at the source site of the material to whom complaint may be addressed.

- Material which appears to be illegal under the Criminal Code (for example, child pornography, material of a violent or degrading nature, bestiality, counsel to offense, hate literature) may be deleted on the authority of the Director of CNS or her designate.

- The Director of CNS or her designate shall be advised in this matter by a committee consisting of a member of the Faculty of Law, a student, a Librarian, and a member of the faculty.

The policy stipulates that users who have scholarly need for access to material which has been deleted shall have that material made available to them.

Dr Stanford said the policy affirms that the University, while responsible for responding in the case of presumptively illegal material, is not responsible for screening all material carried on Internet.

Internet, she explained, is a cooperative of networks and as such, doesn't have an owner or manager. Much of the material is held for one week only so it's constantly changing. In Alberta, ARNet (Alberta Research Network) is the highway on which Internet and other computer traffic travels. "Most [Internet] files have a mentor who is responsible for what's entered on the files," Dr Stanford told *Folio*. "These [files in question] and a few other files weren't mentored, so the material could have been added by anybody."

Internet has a good deal of research traffic. It carries library catalogue files and gives individual researchers access to the catalogues of leading research institutions. The system is designed for very rapid communication of both verbal and graphic material between researchers who are often widely separated from one another. The "bulletin board" aspects of Internet are quite minor, Dr Stanford said.

Internet is so voluminous and so transitory and widespread that I don't think many people scan it like they scan the *Sunday New York Times*, Dr Stanford said. "It's a peculiar medium that's unlike any other. There are no precedents [to go by]." The ad hoc committee, she informed UCAG, learned that the major telecommunication carriers had no policy concerning the transmission of material of this sort, and that Canadian universities had responded in manners ranging from immediate deletion to no response at all.

Dr Stanford said the question of presumed illegal material "seems quite straightforward to me ... the University must comply with the law of the land. The kind of academic community we want to have is a different question, and I happen to think that it's just as important. It's important that the community know what decision was made and why and it's even more important that they know what policies and procedures are proposed for future incidents and that they have a chance to discuss them. I think policies like this work when they are supported by the community."

Continued on page 4

Colloquium aims to stimulate scholarly teaching

University Teaching Services' fall colloquium on scholarly teaching will take place 1 and 2 October.

"The importance of this is that it is a first-time effort by us to offer such a public forum, and that it coincides with the University's efforts at enhancing teaching," says Paula Brook, Research Director, UTS. She cites the Vice-President (Academic)'s Task Force on Teaching-Learning as being central to those efforts.

The colloquium is titled "University Teachers Researching Teaching;" its purpose is to stimulate scholarly teaching and to profile research on teaching. It will also provide an opportunity to recognize the 1990-92 teaching-research grant recipients at the U of A.

Chris Nash, Vice-President (Academic) at Athabasca University, will present the keynote address. Myer Horowitz, immediate Past President of the U of A and an ardent supporter of scholarly teaching, will moderate a panel discussion on "What is Research on

Teaching." Panelists are David Cook (Pharmacology), Nancy Kerr (Clothing and Textiles), Linda LaRocque (Educational Administration) and Manfred Prokop (Germanic Languages).

Dr Nash's address, the introduction of the UTS grant recipients and a wine and cheese reception constitute the first day's program (4 to 7 pm, Stollery Centre, Business Building). The following day (2 October), the scene shifts to the 10th floor lounge in Education South. The panel discussion (9 to 10 pm) will be followed by a round-table discussion involving the grant recipients and their projects and, starting at 1 pm, general sessions on "What is Good Teaching? How to Evaluate Teaching" and "Questions-Answers about UTS Grants" and "Networking for Teaching-Learning."

The fee structure for the colloquium is: U of A faculty \$25; U of A students \$10; external attendees (non-U of A) \$25.

Dr Brook can be reached at 492-7949.



He lost the battle but won the war

In the aftermath of the football Bears inexplicable loss to their archrivals to the south, President Paul Davenport good-naturedly put on Dinos regalia when U of C President Murray Fraser called and reminded him of their bet. The thing of it was, one president "capped" the conversation by getting exposure in the media, including TSN. Score a field goal for Fraser and a touchdown for Davenport.

Environmental Research and Studies Centre on more solid financial footing

Attracting students a key objective for this year

Although the Environmental Research and Studies Centre is still actively seeking funding for environmental education initiatives at the University of Alberta, the recent commitment of \$50,000 per year for three years from the President's Fund takes the immediate pressure off and gives the Centre some breathing room, says its Director, Steve Hrudehy (Health Services Administration and Community Medicine).

That funding, along with an initial \$50,000 per year over five years from the Alberta Oil Sands Technology and Research Authority and small contributions from contingency funds, will support full-time staff of a manager and secretary. "AOSTRA was the key, and they can take the credit for having enough faith in the idea to get it started," Dr Hrudehy says.

The President's Fund was established to receive undesignated donations to the U of A in individual amounts less than \$100,000. The President's Executive Committee can authorize expenditures of up to \$500,000 from the Fund in any one fiscal year. Funding is provided for one-time, nonrecurring projects in University priority areas involving student aid, community outreach, and excellence in teaching and research.

A busy year is in store for the Centre. It's planning several conferences, one (on behalf of the Alberta Lake Management Society) being "Protecting and Enhancing Your Lake" (23 and 24 October, at Pine Lake). The Centre is also involved in the planning for the major scientific meeting of the American Society of Limnology and Oceanography, to be held this spring at the University. The Centre has also maintained Alberta Environment's support for its seminar series. One will be held this fall on pulp and paper waste management.

The Centre maintains an inventory of environmental courses for students and, according to Dr Hrudehy, one of the most impor-

tant initiatives this year will be to clarify interdisciplinary graduate programs in environmental studies/environmental science. "We're speaking with chairs of a number of departments and asking them whether they'd act as home departments.

"Graduate Studies has indicated that they're willing to be flexible in terms of developing ad hoc programs, but the basic rules of having a home department are still there. I want to find out which departments are interested in working on interdisciplinary programs and see what we can put together as a marketing package for students, perhaps by the end of the year.

"We won't need massive numbers of these interdisciplinary people, but we need more than we've got."

"We don't want to have to tell students, 'come here and we'll see what we can put together for you.' We want to be able to explain to them the kinds of departments that are interested, the kinds of courses in place now, and that we have a flexible program that will meet individual student needs. We see that as viable in the short- to medium-term for dealing with the kinds of inquiries we're getting from students."

One student, Dr Hrudehy continues, may have a background in botany, but may be interested in aquatic toxicology and human health implications. "That doesn't fit neatly into any one department," he says, noting that if graduate students don't know what's available here, they won't come.

A number of universities have had interdisciplinary environmental studies programs in place for years (the University of Toronto's program is 20 years old). "Not all of them, though, have the diversity and strength we

could offer," Dr Hrudehy says. But it's not obvious to prospective graduate students what we offer.

"We're not advocating setting up any kind of new structure for graduate studies in interdisciplinary environmental studies. I'm not convinced we ever need to go that far, but what we do need to do is facilitate access to programs that we do put together," he says.

The initiative is timely. The federal government's Green Plan has been given money, in part, to support university programs in environmental areas. "A major component of that is PhD fellowships, and those that they're selecting are preferably interdisciplinary in nature." In fact, in the first competition last spring, zoology student Brian Kotak earned a fellowship. Students who receive these fellowships can then fulfill the terms of the awards at the university of their choice.

"If we want the best students to come here and, in some cases, bring their own funding, we've got to have something to show them," Dr Hrudehy says, adding that a lot of graduate students base their decisions on recognizable programs, not on the institution's name. "We already have a lot of graduate students doing environmental work," Dr Hrudehy hastens to add, noting that the Department of Civil Engineering's Environmental Engineering program alone has a sizable number of graduate students. "It's one of the few programs on campus that's shown the environmental banner in any way."

In the long run, the Centre will be what its members choose to make it, Dr Hrudehy says. "We're never going to have funding for this Centre that will allow for anything more than a fairly modest staff. People will get out of the Centre what they're prepared to put into it. And the Centre will be the result of the contributions of various academics who participate and who see some value in working through an agency like ours, using it as a vehicle to

organize meetings, forums, for example, and facilitate interaction."

Dr Hrudehy points out that it's often stated that scientists have to do a better job of communicating risk and science to the public. However, he believes the people in the scientific and technical sectors aren't communicating well with one another. "I don't blame the public for being confused at all."

That's where interdisciplinary work fits in. "There's a transition occurring. People have to have some basic skills and be trained in a basic area first. But in terms of the problems that are clearly on the table right here and now, we need people who come from a discipline, but who are willing to understand and learn other disciplines, so they don't misprocess the information.

"We won't need massive numbers of these interdisciplinary people, but we need more than we've got."

The Environmental Research and Studies Centre, which has an inventory of 147 academics on campus who have expressed an interest in its activities, is not a teaching unit, but it does have a curriculum committee. One of the arguments that the Centre presented to the President's Fund was that if the U of A was going to be a university, "we have to be looking for new directions and not just protecting the old ones."

Was there some administrative sympathy for that argument? "Yes, definitely," says Dr Hrudehy. "But I think we have to show that we can influence things and make positive suggestions that might otherwise not have happened to justify the investment," he says, adding that some private sector groups have approached the Centre to ask how they might fund more course offerings at the undergraduate level.

FOLIO

Volume 30 Number 7

OFFICE OF PUBLIC AFFAIRS,
423 ATHABASCA HALL
UNIVERSITY OF ALBERTA, EDMONTON,
ALBERTA T6G 2E8
TEL: (403) 492-2325 FAX: 492-2997
MTS - TJMH PROFS - ZZOPA
All enquiries and correspondence should be directed to:
RON THOMAS: EDITOR
MICHAEL ROBB: ASSISTANT EDITOR

Public Affairs produces *Folio* on a regular basis for the staff and other interested persons.

DEADLINES:

Notice of coming events: 9 am three weeks in advance of event. **Classified advertisements:** 3 pm one week before desired publication date. This date also serves as the deadline for cancellation of advertisements. Advertisements cost 40 cents per word with no discount for subsequent insertions. There is a limit of 30 words and a minimum charge of \$2.00. Advertisements cannot be accepted over the telephone. All advertisements must be paid for in full at the time of their submission.

Display advertisements: 3 pm Thursday, eight days before desired publication date. Camera ready artwork is required to size, complete with halftones if necessary. Contact Public Affairs for sizes, rates and other particulars.

The editor reserves the right to limit, select, edit and position submitted copy and advertisements. Views expressed in *Folio* do not necessarily reflect University policy. *Folio* contents may be reprinted with acknowledgment.

ISSN 0015-5764 Copyright 1992

Chief Justice of Alberta says 'search for fairness' will be unifying theme in law

The search for fairness has been an overriding and unifying theme running through administrative law, contract law, tort, family law and the Charter of Rights and Freedoms—and that will continue to be the case, says the province's Chief Justice.

Catherine Fraser, the keynote speaker at the Faculty of Law's celebration last week marking its 71st year and 20th anniversary of its Law Centre, said, "There can be no question that the force driving the search for fairness is the principle that all Canadians are equal.

"And those of us who have the privilege of serving the public in the administration of justice must reflect this fundamental right in the work we do," Chief Justice Fraser told a crowd of practising lawyers, students, alumni, faculty, former faculty, members of the judiciary and friends of the Faculty. Fraser, who earned her BA and LLB at the University of Alberta, said judges and lawyers during the next 20 years will be challenged to adopt principles for exercising choices that are consistent with the country's standards, values and beliefs, both individual and collective.

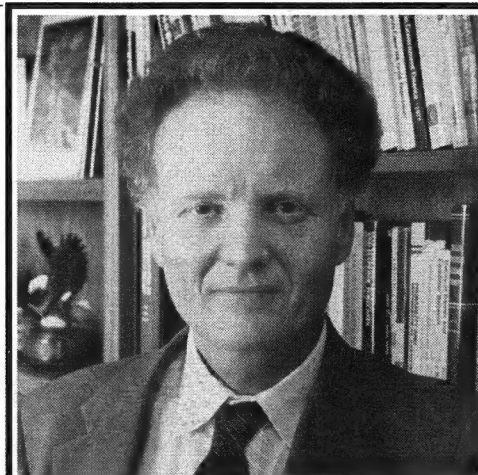
"Paramount amongst these is fairness: fairness in relations between the state and the individual, and fairness in relations be-

tween individuals and those affected by their conduct."

The Chief Justice reviewed how the search for fairness has affected various areas of law over the past 20 years. It's clear, she said, that the old mechanical view of law espoused by John Austin, a view that held that laws were commands and that justice required only that judges applied the commands consistently, is no longer valid. "The problem with this theory is that it isolates the law from any question about its fairness."

She cited examples in the areas of family law, administrative law and contract law of how the search for fairness has become a dominant theme. Chief Justice Fraser also pointed out that the Charter of Rights and Freedoms has educated the judiciary, the practising legal profession and the teachers of law to think in terms of the development and articulation of principles of fairness not only in the constitutional context, but also in nonconstitutional spheres.

"It may be that one of the most striking jurisprudential phenomena during the next generation will be a mushrooming of such cross-pollination from the Charter to the interpretation of ordinary statutes and of common law rules of both public and private law," she suggested.



Lester Thurow will also visit the Faculty of Engineering.

'ECONOMICS EDUCATOR' LESTER THUROW TO SPEAK IN EDMONTON

Lester Thurow, Dean of the MIT Sloan School of Management, is coming to Edmonton 5 November. The Ernest E and Gertrude Poole Eminent Speaker, Dr Thurow will address the topic, "Competitiveness and the New Global Economy and What It Will Take to Succeed."

Dr Thurow, author of *The Zero-Sum Society* and a self-described "economics educator," will speak at the Convention Centre (cash bar 11:30, luncheon 12:15, address 1 pm). He will be introduced by University of Alberta President Paul Davenport. Tickets are \$20 and are available from the Edmonton Chamber of Commerce.



University
of
Alberta

It's been a good year in the life of the Physics Department

You know something's going right in a department when one of the world's foremost theoretical physicists, Stephen Hawking, drops by to lecture and pay tribute to a respected colleague, U of A physicist Werner Israel. Furthermore, not very many university physics departments can boast they have a Nobel Prize recipient, alumnus Richard Taylor, as a Distinguished University Professor, who will visit several times a year to meet with graduate students and colleagues.

"We've had an extraordinarily good year," says Physics Department Chair Ernie Kanasewich. "Hawking's visit really indicates an acknowledgment of the quality of the people we have here." And Dr Taylor, who will maintain an office in the department, will provide invaluable expertise to an already-strong group of researchers/teachers and students.

But the Physics Department's successes haven't stopped there. It's recently hired two bright, young particle physicists. Douglas Gingrich, 34, received his PhD from the University of Toronto, and for the last several years has been teaching at Oxford University and working with a group of physicists at that institution. He'll arrive in December. Already on board is James Pinfold, 40, a former Carleton University Professor who earned his PhD at London and who is conducting work at a facility in Cern, Switzerland.

"I'm very anxious that this department keep a very high profile in research, that we do the best research possible, have the best people we can get and keep the department at as high a standard as possible," Dr Kanasewich said.

The two new professors are typical of the new breed of particle physicists. Termed "suitcase" physicists, the two men will work collaboratively with Canadian and international colleagues at particle accelerators around the world. "These experiments often take 100 to 200 physicists to carry out; they're very complex, the equipment is enormous," explained Dr Kanasewich.

Each physicist has specific, complementary skills that they bring to these experiments. For example, Dr Pinfold is an expert in the design and operation of particle detectors. Dr Gingrich's expertise lies in the development of computer programs to monitor all the detectors and analyze data.

Dr Kanasewich is also optimistic that the Natural Sciences and Engineering Research Council will soon fund a research associate position in the department, further bolstering its presence in the particle physics field.

Dr Taylor's role is multifaceted. With his connections to other leading thinkers in the discipline—many of whom are also Nobel Prize winners—Dr Taylor will "give us a window on some of the latest developments in high-energy physics." He will also act as an adviser on other matters. For example, Dr Taylor and other researchers are exploring the possibility of the U of A entering the field of synchrotron radiation. (X-rays and ultraviolet light are tools for learning about atomic positions, chemical composition, dynamics of structural transitions, electronic quantum states and magnetic properties of matter.)

The department's most recent coup is in the field of cosmology. As reported in *Folio* earlier this month, a young Russian cosmologist, Valery Frolov, will take up a Killam Memorial Chair appointment in the spring. He is reputed to be among the top three or four Russian gravitational theorists.

The addition of Dr Frolov means the U of A is among the top universities in North America in the area of cosmology.

Several other staff members are carrying out experiments at the Tri-University Meson Facility (TRIUMF) at the University of British Columbia. TRIUMF is Canada's major sub-atomic particles research facility. A project to expand the facility to allow for the production of sub-atomic particles called kaons would enable scientists to explore new answers about all matter in the universe and develop new knowledge and important industrial and medical innovations. But that project hangs in financial limbo.

"If the KAON facility goes up, then these people [at the U of A] will have their hands full," Dr Kanasewich said. "If it turns out that the project doesn't go ahead because of funding difficulties in BC and Canada, then these people will join the particle physics people and carry out experiments. Basically, we have people who can jump either way," he said, adding that this was part of the department's strategy.

"I'm very anxious that this department keep a very high profile in research, that we do the best research possible, have the best people we can get and keep the department at as high a standard as possible."

Physics Chair Ernie Kanasewich

The Department of Physics has about 70 graduate students, about half of whom are Canadians. Nine students are female. The department, however, is still without a female professor who could serve as a role model for those students. "We're looking very hard [for female professors to fill positions created because of retirements], but the competition is horrendously tough for them, because there are so few around," Dr Kanasewich said.

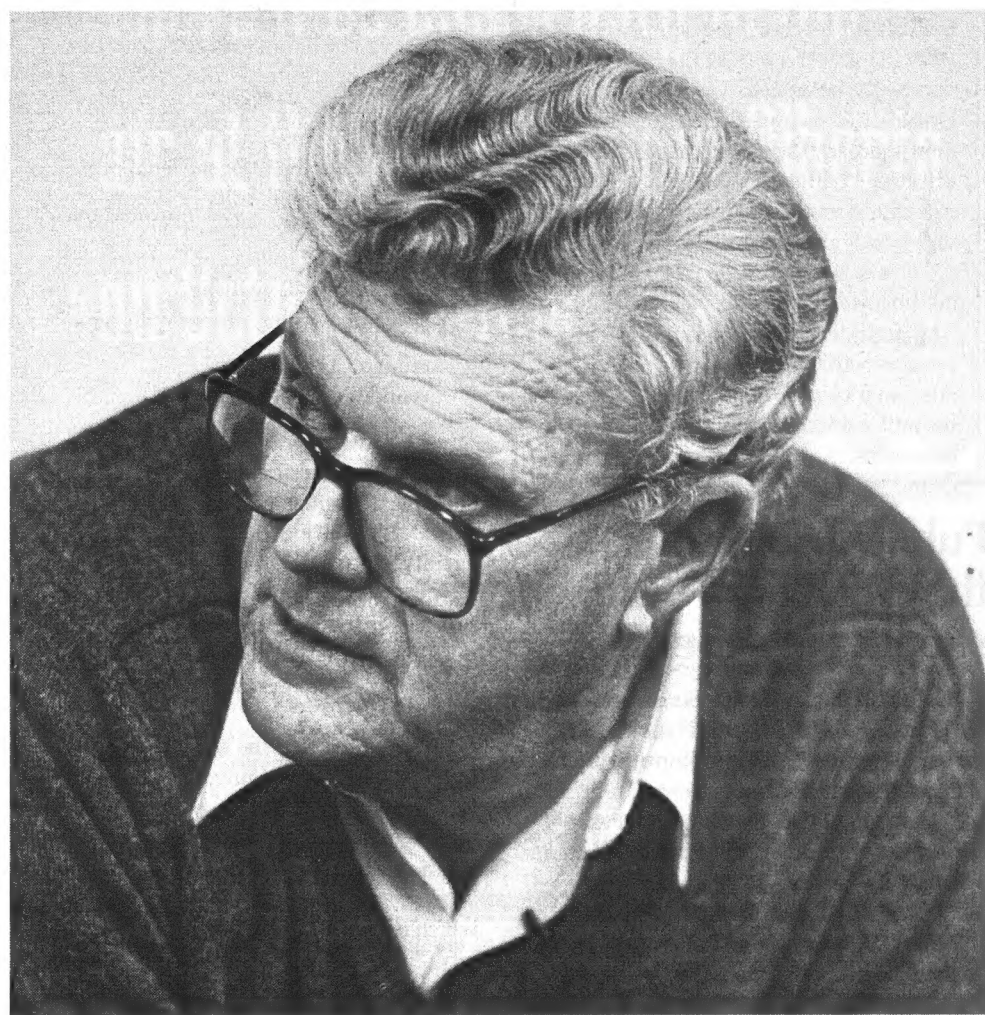
The department is strongly involved in the federal Network of Centres of Excellence program and collaborates with other universities, including the University of Calgary, on the Canadian Network for Space Research. "We have another node of Centres of Excellence in what's known as lithoprobe, a study of the structure of the earth's upper 100 kilometres," Dr Kanasewich said. (He oversees the U of A's participation in that particular program.)

The department is also involved in work related to superconducting materials, and it has always had a presence in medical physics and biophysics through its association with people in the medical sciences.

The department manages to attract annual NSERC operating funding in excess of \$1.2 million; in total capital and operating funding, it manages to secure about \$2 million annually. "The department fares well in research funding, but there are some troubling areas," Dr Kanasewich said. "People in the department are relatively optimistic and upbeat, but they are also worried about University cutbacks and cutbacks in various research areas.

"There is a worry that these cutbacks will continue so far into the future that when older people retire, we'll be unable to hire bright, new people—or that we may not be allowed to hire them at all. That would affect both the quality of teaching and research in the department." Faculty members not only want to maintain the areas in which they're active, but they want to hire people to work in areas in which the department is not currently involved.

The department has decided to channel the bulk of the \$200,000 in capital funding it receives annually to help younger faculty establish themselves. A large chunk will go towards maintaining undergraduate labs.



Nobel Prize recipient Richard Taylor is expected to give the Physics Department a window on the most recent developments in the world of physics.

CURRENTS



General Faculties Council

GFC's next meeting is scheduled for **Monday, 28 September, at 2 pm** in the University Hall Council Chamber.

- 1) Approval of the Agenda
- 2) Approval of the Minutes of 30 June 1992
- 3) Question Period
- 4) Oral Report from the President
- 5) New Members of GFC 1992-93

Reports

- 6) Executive Committee Reports
 - 6.1 Summary of Meeting of 17 August 1992
 - 6.2 Summary of Meeting of 21 September 1992
- 7) Reports of the Board of Governors
 - 7.1 Report of 3 July 1992
 - 7.2 Report of 4 September 1992
- 8) Report of the Nominating Committee
- 9) Written Questions on Reports

New Business

- 10) Faculty of Education Revised Proposal to Include in the Code of Student Behavior Offences Specific to the Faculty of Education: Recommendation of the Campus Law Review Committee (CLRC)

- 11) Faculty of Graduate Studies and Research (FGSR) Proposal for an MEd in Faculté Saint-Jean: Recommendation from the Planning and Priorities Committee (PPC)

For Information

- 12) French as a Second Language — Immersion Programs and Their Influence on High School French: Recommendation of the Committee on Admissions and Transfer (CAT)

Reports

- A. Annual Report from the Vice-President (Academic)'s Standardization Subcommittee.

There will be additional items placed on the Agenda from the 21 September 1992 GFC Executive Committee meeting.

Bible study group

A Bible study group will meet every Monday (excluding holidays) from now through 14 December and from 26 January to 26 April 1993. Time: noon to 1 pm. Location: 606 Students' Union Building. The topic of study will be "A Woman of Wisdom" based on Proverbs. Book costs only. All are welcome.

Further information may be obtained from Helen Gill at 492-1985.

CaPS Education Career Fair

Career and Placement Services' Education Career Fair is scheduled for 30 September, in Dinwoodie Lounge (9:30 am to 4 pm). Admission is free. Students can pick up their guidebook in advance (28 and 29 September) from 10 am until 2 pm at the Education Students' Association Office, Education Centre.

GST accounting workshops

The Office of the Comptroller will conduct GST accounting workshops on 20, 21 and 22 October. There will be two workshops available each day, one from 9 am to noon, and one from 1 to 4 pm. The workshops are designed to help staff better understand GST regulations, particularly as they relate to University transactions.

Staff interested in attending a workshop should contact Fred Greenberg, GST Tax Analyst, Office of the Comptroller, 492-4383, to secure a reservation.

CORRECTION

In last week's story on the Academic Support Centre, *Folio* stated that an English 101 teacher "may simply not have the time to amplify the 'awkward' that he's written near a sentence or paragraph" (in the course of marking a student's paper). Dave Clyburn, Head of Effective Writing Resources (a sub-unit of ASC), was actually referring to marking outside the Department of English.

Folio wishes to make it clear that at no time during the interview was Clyburn critical of the department. His opinion is that it does an excellent job of essay marking/evaluation and enjoys a sound association with Effective Writing Resources.

Public forum series: the delivery of human services in Alberta

The first in the six session Series on Alberta Human Service Systems is set for 29 September at Bernard Snell Auditorium, Walter Mackenzie Health Sciences Centre.

The forum, titled "Health Care: Past Efforts, Current Issues, and Future Directions," will start at 7 pm.

Speakers are from the Alberta Department of Health. They are: Rheal LeBlanc, Deputy Minister, Don Philippon, Associate Deputy Minister, and Aslam Bhatti, Assistant Deputy Minister. Rodney Schneck, Acting Dean of the Faculty of Business, will serve as moderator.

The Public Forum Series will present five other sessions with senior government officials. Each will address a provincial human service system, namely: Social Services (26 October), Advanced Education (26 November), Young Offenders (28 January), Chemical Dependency (25 February) and Mental Health (25 March). The remaining speakers are: Stanley Remple, Deputy Minister, Alberta Family and Social Services; Lynne Duncan, Deputy Minister, Alberta Advanced Education; Paddy Meade, Acting Executive Director, Young Offenders Branch, Alberta Solicitor General's Department; Brian Kearns, Executive Director, Program Services, Alberta Alcohol and Drug Abuse Commission; and Bernard Doyle, Assistant Deputy Minister of Mental Health, Alberta Department of Health.

Each forum in the series will be held in Bernard Snell Auditorium. Members of the public are invited to attend; there is no admission charge. The series is provided as a public service by the University of Calgary, Faculty of Social Work (Edmonton Division) and the University of Alberta Faculty of Business, Government Interchange Program.

Internet

Continued from page 1

Members of the ad hoc committee which recommended to Dr Stanford were: Monica Beltrametti, Director, CNS; Grant Crawford, Manager, Workstation and Distributed Computing, CNS; Danya Handelsman, Vice-President Academic, Students' Union; Steve Karp, President, Graduate Students' Association; Fran Trehearne, Director, Office of Human Rights; and Analise Acorn, Professor, Faculty of Law.

CNS is developing a "Conditions of Use" guide that would include but not be restricted to sections on inappropriate (illegal or offensive) material, copyright of material restrictions, malicious code and software copyright restrictions. UCAG is to review the document later this fall.

Supreme Court Justice says many people's legal needs are not being met Legal profession must make some adjustments — Madam Justice Beverley McLachlin

Many people in Canadian society aren't getting the kind of legal services they need, says The Honourable Madam Justice Beverley McLachlin. "Ordinary people stay away from lawyers the way sick people used to stay away from doctors."

Addressing the topic the legal profession of the future at the Faculty of Law's "20/20" Anniversary Celebration last week, Madam Justice McLachlin said people simply hope their problems will go away.

"They go without proper wills or contracts or family advice. Lacking the advice they need, they get into worse and worse trouble until circumstances finally force them to the law office door and often into the courts," she told a large gathering of practising lawyers, students, alumni, faculty, former faculty, members of the judiciary and friends of the Faculty.

"Business is well served by our legal profession and so are people of means. The poor charged with criminal offences or with family difficulties get limited services through legal aid."

Cautioning that she wasn't advocating a public legal scheme equivalent to medicare—a lot of work would have to be done to determine whether in fact that would be the best solution—Madam Justice McLachlin said the legal profession has to examine the extent to which it is meeting the needs of the community. "If we don't start evaluating those needs and seeing where we have to change, and developing imaginative ways of meeting them, we're going to find ourselves increasingly criticized by the media and in the public."

The work is there, said Madam Justice McLachlin, who earned her MA and LLB at the University of Alberta in 1968. Curiously, though, many young lawyers are underemployed or unemployed. On the other hand, there is a group of lawyers under 40 years of age who are working 90 and 100 hours a week, who never see their families and who feel unhappy and stressed. Another group of lawyers under 40 years of age are with small firms or on their own and are struggling to make ends meet.

"So what do we have? We have some lawyers working much too hard and wishing they had less work, while others can't find enough work to do—and all this in a society whose legal needs are far from being met," she said, suggesting the profession must find a way to rationalize the system. A few firms have introduced legal services on a part-time basis and others have lowered their billing expectations, but most firms can't ease up on billing because of high overhead costs.

Turning to women's place in the profession, Madam Justice McLachlin said, "The profession must find ways of adjusting to two social realities, one old and one new: most women work outside the home, and women have children." She said the legal profession is still modelled on the Victorian family model.

The legal profession has to bring itself into harmony with the social realities of the late 20th century and be representative of both sexes and of all people in society—including aboriginal Canadians, she stressed. "One of the important and good things that has hap-

pened during the last 20 years has been that our law schools have begun to educate and graduate young native lawyers."



The Honourable Madam Justice Beverley McLachlin says the legal profession must meet the needs of the poor, rich and in-between in a more comprehensive way.

A big 'Thank you, faculty' from the Office of Services for Students with Disabilities

Accommodating Students with Disabilities - A Guide for Faculty of the University of Alberta was published this summer. We would like to thank all faculty who, three years ago, took part in an initial survey which gave us the impetus to follow through with the research and writing needed to produce this manual.

This informative guide has just been honoured with a Second Place Award in the 1992 Public Relations Contest held by the Association on Higher Education and Disability (AHEAD). This is a US-based international organization of professionals providing services to students with disabilities.

The guide is recommended to any faculty member who has a student with a disability in their classes.

Copies may be obtained from the Office of Services for Students with Disabilities, 300 Athabasca Hall, telephone 492-3381.

U of A helping businesspeople get a reading on emerging Korean market Centre for International Business Studies cosponsors conference

Although major economic challenges exist, the Korean market represents a major opportunity for Canadian businesspeople, a number of government officials and businesspeople said at the half-day conference titled "Doing Business with Korea," held at the U of A 16 September.

According to Ken Lewis, an official with the Department of External Affairs, the Koreans intend to focus their economic and development energies on advanced materials, transportation systems, environmental engineering, new energy resources, electronics and robotics and domestic atomic technology.

"Both Canada and Korea are fundamentally committed to world trade and they'll have to cooperate with one another," said Lewis, noting that trade as a percentage of GDP in Korea accounts for 25 percent and in Canada 24 percent. He urged businesspeople to form strategic partnerships with their Korean counterparts.

What's in it for Canada? he asked. Canada stands to gain market access, investment, technology alliances, third-country cooperation, tourism, immigration and key political and economic partnerships.

Korea is Canada's fifth largest export market and Canada's fastest growing trading partner. (Two-way trade between the two countries in 1991 amounted to \$4 billion and it's expected to increase with the recent announcement that Korea will purchase a Candu Nuclear Reactor. Seung-Soo Han, former Minister of International Trade and Industry in the Korean government, said Canada has accumulated a vast amount of advanced technology,

for example, cold weather technology, and Korea would like to import it along with various raw materials.)

"The Korean market represents an emerging consumer market as the populace develops the same consumption patterns as in the West," said Bob Ferchat, Canadian Chair of the Canada-Korea Business Committee. Ferchat, president of Northern Telecom Canada until 1990, said the Koreans are going to require a lot of help and partnerships to develop their badly overstretched infrastructure.

"It would be a terrible mistake if Canadians didn't try to develop Korean markets and partnerships," said Ferchat, noting that Northern Telecom has been actively involved in developing telecommunications systems in the Asian country.

Neil Simpson, Senior Director of the Seoul Office for the Government of Alberta, said Canadians are being challenged by Australian businesspeople. Australia is running a \$2 billion surplus with Korea, and Koreans, anxious to balance that trade, may look to Canadian business for alternatives, he suggested.

There's no doubt economic challenges still exist, said Lewis. The recession, pressures from trading partners, particularly in the area of agriculture, an overstretched infrastructure, artificially low energy prices and overdue financial reform all pose challenges, he explained. And Korea is no longer considered a low-cost producer and is facing new competition from Asian countries.

The conference was also sponsored by The Asia Pacific Foundation and The World Trade Centre Edmonton.

Bring your questions to an information-sharing event on the referendum

An information session on the constitutional referendum has been lined up for 29 September at 7:30 pm in 2-115 Education North.

"The Referendum: Pros and Cons - A Closer Look" will bring together U of A Professors Susan Jackel (Canadian Studies) and Gordon Laxer (Sociology); Shelagh Day, vice-president, National Action Committee on the Status of Women; and Colleen Glenn, Metis activist.

A range of issues and perspectives will be discussed, including: gender parity and the Senate, Quebec/English Canada relations, the devolution of power and impact on women, economic union and related issues, and native issues.

There will be ample opportunity for members of the audience to pose questions.

There is no charge for this event. Call 465-6652 or 439-3996 for more information.

Distinguished Alumni Awards to be presented to Gerald Maier and Ovid Wong

Gerald Maier, chairman, president and CEO of TransCanada Pipelines, and Ovid Wong, principal of WA Johnson School in Bensenville, Illinois, have been selected the first recipients of the Distinguished Alumni Awards.

The awards reflect the highest honour bestowed by the University of Alberta Alumni Association. They will be presented by the Association at the Reunion Weekend '92 Gala Dinner and Dance on 3 October. The initial two recipients and those who follow (the awards may be given to a maximum of three alumni annually) will be recognized for a) exceptional accomplishments in a profession; and/or b) significant contributions and service to their alma mater, society, and/or the welfare of others.

Maier (BSc Engineering, 1951) spear-headed TCPL's international pipeline expansion project, one of the largest development projects ever undertaken by a single company in Canada. At TCPL's annual meetings in 1991 and 1992, he voiced very strong appeals for Canadian unity, and his remarks were subsequently published in pamphlet form and distributed widely.

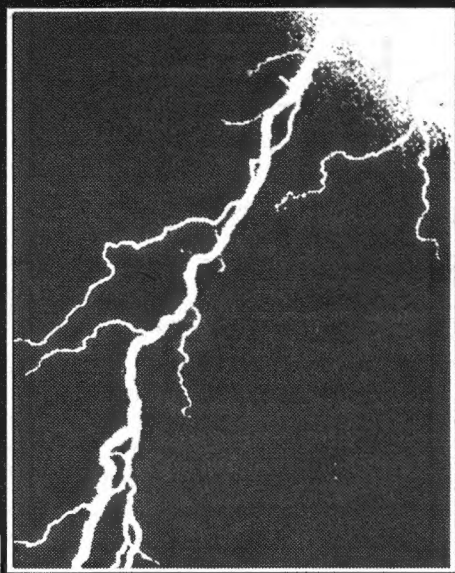
A past president of the Association of Professional Engineers, Geologists and Geophysicists of Alberta, he is affiliated with the Oilfield Technical Society, the Engineering Institute of Canada and the Canadian Institute of Mining and Metallurgy.

Maier is a director of the Bank of Nova Scotia, BCE Inc, Du Pont Canada Inc, Foothills Pipe Lines (Saskatchewan) Ltd, Great Lakes Gas Transmission Company, TransAlta Utilities Corporation and TransQuebec and Maritimes Pipeline Inc. Outside the realm of business, he is or has been associated with numerous organizations, including: Alberta Heart Foundation, 1983 Canada Summer Games, Calgary Philharmonic Society, Calgary Olympic Development Association, Canadian Institute for the Administration of Justice, and the Faculty of Engineering's "Bridge to the 21st Century" campaign.

Dr Wong holds a BSc from the University of Alberta (1970), an MEd from the University of Washington (1972) and a PhD from the University of Illinois (1977). He has written 10 children's science textbooks of which three were selected for Books of 1986, 1987 and 1988 (Awards) respectively by the Children's Reading Round Table of Chicago. Dr Wong's books include *Prehistoric People*, *Your Body and How it Works*, *Is Science Magic?* and *Giant Pandas*. From 1989 to 1992, he received an Outstanding Science Teacher of Illinois Award from the National Science Foundation and Illinois State University.

Dr Wong has worked with Rand McNally and Company as an education consultant and staff biologist; the Chicago Board of Education as a teacher, curriculum writer and vocational adviser; and the National College of Education as a program assistant director.

Among the bodies with which Dr Wong is affiliated are the Association for Supervision and Curriculum Development and the American Educational Research Association.



There'll be electricity in the air at the University of Alberta on October 3, 1992.

Super Saturday strikes again!

Hear the latest views on significant issues of the day, as U of A speakers shed light on today's hottest topics - the environment, health, psychology, national politics and international affairs.

Whatever your interests there's something for you, with many new talks and the return of some of our most popular speakers.

October 3, 10 am to 4 pm, in the Business and Tory Buildings.

FREE ADMISSION
(first-come, first-seated)

Free parking Zones N & U (see map)

For more information
492-7073 or 492-2325.

As well, there are the following guided visits to special collections:

- 11:15 am Touch a Dinosaur
- 12:30 pm The World of Clothing and Textiles
- 1:45 pm Visit the home of Cryptogams, Lichens and Mosses
- 1:45 pm Our Rare and Unusual Books

Space is limited so meet early under the "Guided Visits" sign in the Business Atrium; groups will leave 10 minutes before program time.



10 am

- Room 1-05 **Northern explorers: diaries tell their TRUE stories**
Ian MacLaren - Professor of Canadian Studies
- Room 1-09 **Don't let work get you down: dealing with stress in the workplace**
Graham Lowe - Professor of Sociology
- Room 2-05 **Canadian ideas of China: a love-hate relationship**
Brian Evans - Professor of History and Coordinator of International Affairs
- Room 2-09 **Living Wills: do they do what we expect?**
Patricia James - Director, Health Law Institute
- TB-W1 **From the lab to the park: the Canadian Cold Buster story**
Larry Wang - Professor of Zoology
- Tory Lecture Theatre - B2 **Those first seconds when the universe began**
Werner Israel - Professor of Physics and Cosmologist

11:15 am

- Room 1-05 **The economics of an independent Quebec: costs and benefits**
Mike Percy - Professor of Economics
- Room 1-09 **What happens when you begin to forget?**
Allen Dobbs - Professor of Psychology
- Room 2-05 **Myth and History: people are even crazier than the gods**
Bob Buck - Professor of Classics
- Room 2-09 **Whose bones are these?**
Owen Beattie - Professor of Anthropology
- TB-W1 **Middle East update**
Saleem Qureshi - Professor of Political Science
- Tory Lecture Theatre - B2 **Nasty gases: all you wanted to know about the Greenhouse effect and the ozone scare**
Gordon Rostoker - Professor of Physics

12:30 pm

- Room 1-05 **Cholesterol levels and your healthy heart**
Vladimir Dzavik - Professor of Cardiology
- Room 1-09 **Who has a foreign accent?**
Bernard Rochet - Professor of Romance Languages
- Room 2-05 **Alberta Metis Settlements: a unique solution to a constitutional dilemma**
Catherine Bell - Professor of Law
- Room 2-09 **Life support practices - concerns affecting us all**
Donna Wilson - Professor of Nursing
- TB-W1 **Make my day: contemporary movie cops**
Bill Beard - Professor of Film Studies
- Tory Lecture Theatre - B2 **Questers: dare to change your job and your life**
Carole Kanchier - Professor of Educational Psychology

1:45 pm

- Room 1-05 **Harmful if swallowed - risks of new medical drugs**
David Cook - Professor of Pharmacology
- Room 1-09 **Toward a human world order - the UN and global security**
Doug Roche - Distinguished Visiting Professor
- Room 2-05 **Handle with care: hazardous products in the home and workplace**
Chris Zeiss - Professor of Civil Engineering
- Room 2-09 **How male perspectives have shaped science**
Dorothy Tovell - Professor of Medical Microbiology
- TB-W1 **Birth order rules all: when a first born meets a last born**
Paul Koziey - Professor of Educational Psychology
- Tory Lecture Theatre - B2 **Yugoslavia: what fuels the conflict?**
John Paul Himka - Professor of History

3 pm

- Room 1-05 **PMS - a new look at Premenstrual Syndrome**
Ceinwen Cumming - Professor of Educational Psychology
David Cumming - Professor of Obstetrics and Gynecology
- Room 1-09 **Margaret Laurence: her voyages and visions**
Nancy Stovel - Professor of English
- Room 2-05 **Canada's Constitution - a personal view**
Allan Tupper - Professor of Political Science
- Room 2-09 **A new Cold War? Russia and Ukraine relations.**
David Marples - Professor of History and Sovietologist
- TB-W1 **Video telephones, video shopping - how fibre optics will change your life**
Jan Conradi - Professor of Electrical Engineering

TALKS



ACCOUNTING AND MANAGEMENT INFORMATION SYSTEMS

25 September, 2 pm

Wai Fong Chua, University of New South Wales, "Rethinking the Profession-State Dynamic: The Case of the Victorian Charter Attempt, 1885 to 1906." B-05 Business Building. 2 October, 2 pm

Albert S Dexter, University of British Columbia, "Electronic Data Interchange (EDI): Key Audit Issues." B-05 Business Building.

ALBERTA HERITAGE FOUNDATION FOR MEDICAL RESEARCH

29 September, noon

John E Coe, Rocky Mountain Laboratories, Laboratory of Persistent Viral Diseases, Hamilton, Montana, "Hormonal Regulation of Amyloidosis and of Hepatic Carcinoma in Hamsters." Presented by Anatomy and Cell Biology. 5-10 Medical Sciences Building. 6 October, 4 pm

Gregory S May, assistant professor, Department of Cell Biology, Baylor College of Medicine, Houston, Texas, "Mitotic Mutants of Aspergillus." Presented by Anatomy and Cell Biology. 5-10 Medical Sciences Building.

ANATOMY AND CELL BIOLOGY

25 September, 1 pm

Joel H Weiner, "Topogenic Analysis of Membrane Proteins." 5-10 Medical Sciences Building. 1 October, 4 pm

David R Colman, associate professor, Departments of Anatomy and Cell Biology and Pathology, Center for Neurobiology and Behavior, College of Physicians and Surgeons, Columbia University, "Myelin Proteins and Membrane Adhesions." 5-10 Medical Sciences Building.

CANADIAN INSTITUTE OF UKRAINIAN STUDIES

25 September, 3 pm

The Peter Jacyk Centre for Ukrainian Historical Research. David Frick, associate professor, Slavic Languages and Literature, University of California, Berkeley, "Episodes in Cross-Cultural Misunderstanding: Lavrentij Zyzanij in Moscow; Meletij Smotryc'kyj in Constantinople." 352 Athabasca Hall.

CANADIAN MEDITERRANEAN INSTITUTE

8 October, 7:30 pm

Alastair Small, "Roman Portrait Sculpture: Illustrated." Provincial Museum of Alberta, 12840 102 Avenue.

CHEMICAL ENGINEERING

1 October, 3:30 pm

M Imaeda, Department of Mechanical Engineering, University of Tokushima, Tokushima, Japan, "Digital PID Predictive Control." 342 Chemical-Mineral Engineering Building. 8 October, 3:30 pm

W Kwok, "Dispersion in Consolidated Sandstone Cores with Radial Flow." 342 Chemical-Mineral Engineering Building.

CHEMISTRY

The Harry Emmett Gunning Lectures—

JF Holzwarth, Fritz Haber Institute, Max Planck Gesellschaft, Berlin, will give the following lectures:

29 September, 11 am

"The Continuous Flow Method with Integrating Observation (CFMIO) and Iodine

Laser Temperature Jump (ILTJ) Techniques as Tools to Investigate Fast Reactions in Solution." V-107 V-Wing. 30 September, 11 am

"Environmental Effects in Fast Outer Sphere Electron Transfer Reactions: Influence of Ionic Atmosphere, Surfactants and Proteins." V-107 V-Wing. 1 October, 11 am

"Kinetics of Azide Binding to Chloroperoxidase in Microemulsions of Hexanol/Sodiumdodecylsulphate/Water: An Iodine Laser Temperature Jump (ILTJ) Study." V-107 V-Wing. 2 October, 2 pm

"Cryoelectronmicroscopy as a Tool for Time-Resolved and Static Structures During the Phase Transition in Lipid Vesicles: A Comparison with Iodine Laser Temperature Jump Results." V-106 V-Wing. 5 October, 11 am

Mark Cushman, Department of Medicinal Chemistry and Pharmacognosy, Purdue University, "Design and Synthesis of Protein-Tyrosine Kinase Inhibitors as Potential Anticancer Agents." V-107 V-Wing.

DENTISTRY

3 October, 8:30 am

Norman Wood, Naresh Jha, Tim McGaw, Jean-Marc Nabholz, Derald Oldring, and John Wolfaardt, "Oral Oncology—An Update for General Dentists." Fee. Information and registration: Debbie Grant, 492-5023. 4069 Dentistry-Pharmacy Centre.

EAST ASIAN LANGUAGES AND LITERATURES AND WOMEN'S STUDIES

5 October, 3:30 pm

Rey Chow, Comparative Literature, University of California, Irvine, "Love Me, Master; Love Me, Son." 5-20 Humanities Centre.

ECONOMICS AND RURAL ECONOMY

28 September, 3 pm

Maureen Cropper, professor, Resources for the Future, University of Maryland, "Public Preferences for Life Saving." 8-22 Tory Building.

EDUCATIONAL PSYCHOLOGY

30 September, 7:30 pm

G Fitzsimmons, W Marshall, J Leps, T Janzen, and D Lemoine, "New Directions with Attention Disordered Children." 1-29 Education South.

ENGLISH

The following come under the general title "Politics, the Nation, and the Arts":

25 September, 1 pm

Sneja Gunew, Deakin University, Australia, "Irreducible Differences: Nationalism, Literature, Ethnicity." L-3 Humanities Centre. 25 September, 2 pm

Paul Dubé, "I is the Other." L-3 Humanities Centre. 25 September, 2 pm

Jeanne Perreault, University of Calgary, "Witnessing the Witnesses." L-3 Humanities Centre. 25 September, 3:30 pm

Dieter Reimenschneider, JW Goethe University, Germany, "Language, Literature, Ethnicity, and Nation." Respondent: Stephen Slemon. L-3 Humanities Centre.

ENTOMOLOGY

8 October, 4 pm

Heather Proctor, Department of Biological Sciences, University of Calgary, "Trembling Males and Grasping Females: Sensory Exploitation and the Evolution of Courtship in Water Mites." TBW-1 Tory Breezeway.

GEOGRAPHY

25 September, 3 pm

Don Fenna, "The Myriads of Measures: A Discussion of the Evolution of Some of the Thousands of Units of Measure Used Around the World." 3-36 Tory Building.

LIMNOLOGY AND FISHERIES DISCUSSION GROUP

1 October, 12:30 pm

Brian Kotak, "Variability in Algal Toxin Production in Eutrophic Alberta Lakes." M-149 Biological Sciences Centre. 8 October, 12:30 pm

Burkhard Scharf, Institut für Gewässerforschung, Magdeburg, Germany, "Limnology of the Eifel Maar Lakes of Germany." M-149 Biological Sciences Centre.

MUSIC

29 September, 3:30 pm

Guido Bimberg, Martin-Luther Universität, Halle-Wittenberg, Germany, "Contemporary Music of the Wild East: New Music of the New German Bundeslander." 2-32 Fine Arts Building.

PSYCHOLOGY

30 September, 1:15 pm

Daniel Keating, Ontario Institute for Studies in Education, "The Learning Society: Integrating and Applying the Sciences of Human Development." CW-410 Biological Sciences Centre.

SLAVIC AND EAST EUROPEAN STUDIES

28 September, 2 pm

Andriy Nahachewsky, "An Ethnographic Field Trip to Villages of Western Ukraine." 141 Arts Building.

SOIL SCIENCE

1 October, 12:30 pm

József Tóth, "Experimental Design of a Peatland Drainage System for Forestry by Optimization of Synthetic Hydrographs." 2-36 Earth Sciences Building. 8 October, 12:30 pm

Graham Hillman, Forestry Canada, "Some Hydrological Effects of Peatland Drainage in Alberta's Boreal Forest." 2-36 Earth Sciences Building.

ZOOLOGY

25 September, noon

Navjot Sodhi, "Foraging Ecology of Urban-Breeding Merlins." G-208 Biological Sciences Centre. 25 September, 3:30 pm


Jeff Goldberg, "Diverse Approaches in Studying the Neurobiology of Molluscan Embryos." M-149 Biological Sciences Centre. 2 October, noon

John Sovell, "Parasites of the Cyclic Kluane Hares: Their Influences on Adult Fe-

males and Young During the Peak and Decline." G-208 Biological Sciences Centre.

2 October, 3:30 pm

Lincoln Chew, Department of Psychology, University of Lethbridge, "Fish Ethology: Pure and Applied Aspects." M-149 Biological Sciences Centre.

 This symbol denotes environmentally related seminars/events. If you wish to have an environmentally related event listed in this way, please contact: The Environmental Research and Studies Centre, 492-6659.

EVENTS

EXHIBITIONS

BRUCE PEEL SPECIAL COLLECTIONS

Until 25 September

"Ukiyo - e glimpses of the floating world"—an exhibition of Japanese woodblock reproductions and illustrated books. Hours: Monday to Friday, 8:30 am to 4:30 pm; closed weekends. B-7 Rutherford South.

FAB GALLERY

Until 27 September

"Debra Lalonde—Something Old Nothing New"—this exhibition is the final visual presentation in partial fulfillment of the requirements for an MVA in painting.

Hours: Tuesday to Friday, 10 am to 1 pm and 2 to 4 pm; Sunday, 2 to 5 pm; Saturday, Monday and statutory holidays, closed. 1-1 Fine Arts Building.

MCMULLEN GALLERY

Until 10 November

"Nature's Own Image"—sculptures by Ted Trusz and paintings by Andrew Raszewski. Hours: Monday to Friday, 10 am to 4 pm; Saturday and Sunday, 10 to 4 pm (subject to availability of volunteers). Information: 492-8428 or 492-4211. Mackenzie Health Sciences Centre.

MUSIC

DEPARTMENT OF MUSIC

27 September, 2 pm

Visiting Artist Masterclass—Boris Berman, pianist. Convocation Hall. 29 September, 8 pm

Visiting Artist Masterclass—Boris Berman, pianist. Convocation Hall. 30 September, 12:10 pm

Noon Hour Organ Recital—Marnie Giesbrecht. Convocation Hall. 1 October, noon

E-Gré Winner's Tour Recital—Audrey Audrist, pianist. Convocation Hall. 4 October, 8 pm

Kilburn Encounters I. Convocation Hall.

SPORTS

BASKETBALL

2 October, midnight Bears Midnite Madness

FOOTBALL

3 October, 1:30 pm

Bears vs Manitoba. Clark Stadium

HOCKEY

25 to 27 September

Bears host the Molson Invitational

SOCCER

4 October, 2 pm Bears vs Alumni

POSITIONS



The University of Alberta is committed to the principle of equity in employment. The University encourages applications from aboriginal persons, disabled persons, members of visible minorities and women.

SUPPORT STAFF

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, 2-40 Assiniboia Hall, telephone 492-5201. Due to publication lead time and the fact that positions are filled on an ongoing basis, these vacancies cannot be guaranteed beyond 18 September 1992. For a more up-to-date listing, please consult the weekly Employment Opportunities Bulletin and/or the postings in PSSR. Positions available as of 18 September 1992.

The salary rates for the following positions reflect adjustments in accordance with the new classification system and pay plan.

SECRETARY (Grade 5), Faculty of Business (MBA/MPM Programs), (\$1,891 - \$2,343)

SECRETARY (Grade 5), School of Native Studies, (\$1,891 - \$2,343)

SECRETARY (Grade 5), Faculty of Nursing, (\$1,891 - \$2,343)

MEDICAL STENO (Grade 6) (Trust), Medicine (Gastroenterology), (\$2,070 - \$2,580)

MEDICAL STENO (Grade 6), Pediatrics, (\$2,070 - \$2,580)

DEPARTMENTAL/EXECUTIVE SECRETARY (Grade 6), Student Services (Personal and Academic Resources), (\$2,070 - \$2,580)

ADMINISTRATIVE ASSISTANT (Grade 8), Faculty of Extension (Land Economics and Real Estate), (\$2,437 - \$3,071)

EVALUATOR (Grade 8), Faculty of Graduate Studies and Research, (\$2,437 - \$3,071)

MILLWRIGHT (Grade 8) (40-hour week), (Physical Plant (Heating Plant)), (\$3,510)

The following positions retain salary rates in accordance with the previous classification system and pay plan.

CLERK STENO II (Part-time/Term to 31 December 1992), Botany, (\$9.45/hr)

CLERK TYPIST II (Trust), Medicine (Administration), (\$1,433 - \$1,779)

LABORATORY ASSISTANT III (DENTAL) (Term to 30 April 1993), Restorative Dentistry (\$1,597 - \$2,005)

SURGICAL TECHNICIAN (Trust), Faculty of Medicine (Cardiology), (\$2,093 - \$2,692)



ACCOMMODATIONS AVAILABLE

VICTORIA PROPERTIES - Experienced, knowledgeable realtor with Edmonton references will answer all queries, and send information. No cost or obligation. Call (604) 595-3200, Lois Dutton, Re/Max, Ports West, Victoria, BC.

ST ALBERT - Executive lifestyle, family neighbourhoods, extensive parks and recreational facilities, just a short drive from the University. For ethical, enthusiastic service, call Ginny Morgan at Royal LePage Realty. 458-5595.

RENT - Lynnwood, west end, three bedroom bungalow. Immaculate condition, quiet, garage, \$1,000/month. Immediate possession. Western Relocation, 434-4629.

RENT - Millwoods Satoo, ranch-style bungalow. Off-white carpet, fireplace, three bedrooms up, one down. No pets, nonsmokers. \$1,200/month. 1 September 1992. Western Relocation, 434-4629.

RENT - River valley view, 1,100', two bedrooms, two baths. Lease, immediate. \$1,100/month. Western Relocation, 434-4629.

RENT - Penthouse, Saskatchewan Drive. Breathtaking view, exquisite decor, two bedrooms, 2,098'. Immediate, \$1,850/month. Western Relocation, 434-4629.

RENT - Grandview, unique, four bedroom bungalow. Near University Farm/river valley. \$1,650/month. Western Relocation, 434-4629.

RENT - West end, 199 Street acreage. New, three bedroom bungalow, custom-built, open floor plan. \$1,500/month. Western Relocation, 434-4629.

RENT - Primrose, perfect location, perfect condition. Spacious bungalow, three bedrooms, two baths, double garage. \$1,200/month. Immediate possession. Western Relocation, 434-4629.

RENT - Furnished, two bedroom apartment, 102 Avenue 120 Street. \$625/month. 20 October - 30 April. Janet Jenner, Spencer Realty, 435-0808.

RENT - Contemporary, southwest executive, two storey, 2,135'. Cul-de-sac, immaculate, \$1,300/month. Janet Jenner, Spencer Realty, 435-0808.

SALE - Impressive, two storey home in great location. Excellent for family/professional couple. Andy, Home Life Realty, 466-4663.

RENT - Four bedroom, semi-furnished bungalow. Saskatchewan Drive. October. \$1,100/month. 452-5644.

SALE - Petrolia/Greenfield, 1 1/2 storey, double garage, four bedrooms plus main den, 3 1/2 baths, fireplace, deck. Open house Saturday/Sunday, 1-4. 437-7924, 492-2562.

RENT - City view, three bedroom house. Seven minutes from University. \$650/month. Available October. 473-3780.

SALE - Aldergrove, four level split, Perry-built. Four bedrooms, large kitchen, separate dining, family room, fireplace, huge fenced yard, paved driveway, garage pad. \$126,900. 487-3958, 492-1227.

RENT - Three bedroom, unfurnished house. Walking distance to University. 432-1488.

RENT - Furnished, three bedroom house. 1 October. Garage, pie lot, \$695, near University. 438-0213.

SALE - Great investment. Great home on ravine lot with over 20,000' to roam. If location and privacy is important to you, this is it. Dick Scragg, Royal LePage, 438-4700.

SALE BY OWNER - Glenora, charming, two bedroom bungalow. Upgraded throughout. New bathroom and kitchen. Fireplace, large double garage. Ravine view, great location for University and downtown. 492-5755 (days), 455-0620 (evenings).

RENT - New, executive, 1,200', two bedroom. Superb city, river valley view, close to all amenities, University. 1 1/2 jacuzzi baths, five appliances, fireplace, garage. Tennis, golf course, four blocks. Immediate. 468-1579.

SALE - Super, Hearstone townhouse. Backs onto greenbelt. New kitchen cabinets, neutral carpets. Details and showings, ask for Pat von Borstel, 435-0808, Spencer Realty, 437-6540, residence.

SALE - Lansdowne, easy access University/hospital. Three bedrooms, three baths, family room,

large study, deck, trees. Terrific kitchen. Pat von Borstel, Spencer Realty, 435-0808, 437-6540.

SALE - Rosedale, Victorian, three bedrooms. 9627 101 Street. 428-1080.

SALE - (Private), Blue Quill, custom-built. Four bedroom, two storey, two fireplaces, fully finished basement, mature landscaping. \$186,000 obo. 438-3158.

RENT - University area, four bedroom home. \$995/month, immediate. 439-0251.

SALE - Belgravia, five bedroom, two storey. 2,700', family room, den, fireplace. Great location, close to the river valley. \$209,500. Ed Lastiwka, Royal LePage Realty, 446-3800.

SALE - University area, two bedroom bungalow. Legal one bedroom suite, double garage, south yard. \$109,500. Ed Lastiwka, Royal LePage Realty, 446-3800.

RENT - In LeMarchand, executive, one bedroom condominium. Available 1 November. Six appliances, underground parking, balcony, alarm system. Rent, \$990. 479-8131.

SALE - Two storey, 2,725', dream home for the family. Fully finished basement, sunny south exposure and mini park behind you. Joan Lynch, Re/Max Real Estate, 438-7000, 433-9025.

SALE - Saskatchewan Drive. Best quiet location. Super view. Large bungalow, three plus three bedrooms. Double garage, huge lot. Walk to University. Chris Tenove, Spencer Realty, 435-0808, 433-5664.

SALE - Upgraded bungalow. Large kitchen, two plus two bedrooms. Ideal for University. Chris Tenove, Spencer Realty, 435-0808, 433-5664.

SALE - 1,800' executive bungalow, Old Riverbend. Cosy and neutrally decorated. Kitchen recently decorated. Listed \$194,900. Call Sharon Howe, Royal LePage Realty, 438-4700.

SALE - Valleyview, exclusive location. 1,700' split-level, large, very private backyard, front attached garage, new lino, newer furnace. Three bedrooms, den, fireplace, \$199,800. For appointment, 483-8635.

RENT - Two bedroom, furnished basement. 437-4808.

ACCOMMODATIONS WANTED

MATURE, UNIVERSITY EMPLOYEE available to housesit. Previous experience. Phone Joanna, 433-8668 or 492-6365.

GOODS FOR SALE

CASH PAID FOR APPLIANCES, 432-0272.

SOLID WOOD kitchen table, four captain's chairs, \$100. Dark brown hi-back sofa, \$300. 492-0442, 463-3379.

AUTOMOBILES

1984 Mazda 626LX. Excellent condition. 436-1039.

1983 GMC VAN - Insulated, bed, customized, 126,000 km. 305-V8, \$3,750 obo. 12' Harbourcraft aluminum boat, 9.9 Evinrude trailer. \$1,800 obo. 492-0442, 463-3379.

SERVICES

DONNIC WORD PROCESSING - Since 1978, specializing in theses, manuscripts, etc. 453-2769.

Continued on page 8

AWARD OPPORTUNITIES



Muttart Diabetes Research and Training Centre accepting Pilot Project Research Proposals

The Muttart Diabetes Research and Training Centre was formed in June 1981 at the University of Alberta, through an endowment by the Gladys and Merrill Muttart Foundation.

The objectives of the Centre are to provide core laboratory facilities for the Centre's investigators; to provide start-up funding for pilot research projects; to train investigators interested in diabetes-related research; and to encourage interaction between investigators of the various disciplines and health professionals involved in diabetes research and the care of diabetic patients.

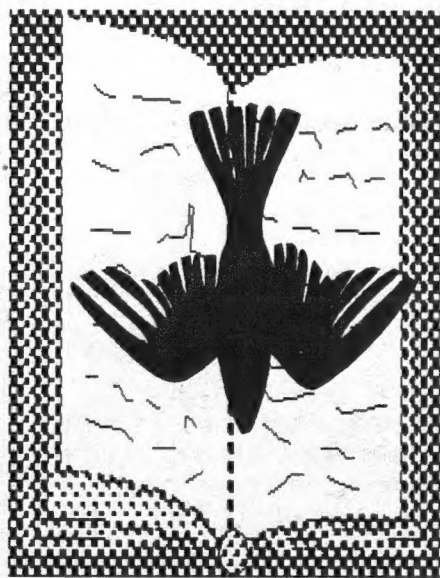
In keeping with these objectives, the Centre is now accepting diabetes-related pilot project proposals. Applicants must have an academic appointment in any Faculty (Medicine or other) at the U of A. If the applicant is not a member of the Muttart Diabetes Research and Training Centre, they must be sponsored by a member. This stipulation is intended to adhere to the objectives and mission of the MDRTC, which includes attracting into diabetes research those excellent scientists whose expertise can enhance the research accomplishments of the MDRTC.

Regulations governing pilot project research grants and application forms may be obtained by contacting: Mrs Brenda Bohne, Administrative Assistant, 458 Heritage Medical Research Centre CW, University of Alberta. Telephone 492-6855.

The deadline for submission of applications is 15 October 1992.

GNOSIS AND PNEUMA

(sponsored by UACCA)



12:30-1:30
Thursdays
158A SUB

Peter Schouls
October 15th
Winnie Tomm
October 22
Francis Landy
November 19th

KNOWLEDGE AND SPIRIT

a series of talks
examining the
University, Knowledge and Spirit

Begins October 1st
with
"Science and the
search for certainty"
Dr. W. Israel
Physicist

AD HOC - Word processing/laser medical/general transcription, cv's/ résumés, theses, etc. 451-3315.

COMPUTERIZED LITERATURE SEARCHING - Expert information retrieval by experienced scientist. All areas. Requests accepted by phone. No red tape! Competitive rates. Satisfaction guaranteed. JL Citation Services, 487-8652.

DAVID RICHARDS CARPENTRY - Certified journeyman NAIT. Complete interior and exterior residential renovations including plumbing and electrical. References available. 436-6363.

PROFESSIONAL TYPIST - Word processing. Specializing in theses, dissertations, manuscripts. Gwen, 467-0515.

PDQ WORD PROCESSING - Laser printer, \$1.50 per double-spaced page. 11418 79 Avenue. 438-8287.

QUALITY-ASSURED typing services at affordable rates. Call 439-7293.

ADD A PERSONAL TOUCH to those certificates or awards with CALLIGRAPHY. Call 439-7293.

MARG'S WORD PERFECT 5.1 Services. Type résumés, letters, memos, theses, manuscripts. Reasonable rates. Phone 435-3488.

DESKTOP PUBLISHING SERVICES - typesetting, photocopying, laser printing, word processing, computer rental, graphic design. #218, 11 Fairway Drive, Westbrook Shopping Centre (119 Street 38 Avenue). The Electronic Scribe. 438-9445.

DON'S TYPING SERVICE - St Albert area, laser printer. 459-6532.

PIANO INSTRUCTOR (BA, BEd). Experienced with teaching children and adults. Grandin Station area, \$12.50/hour. Trial lesson, no charge. 488-2058.

MISCELLANEOUS

RETIRED PHYSICIAN seeks useful work, home or overseas. Currently occupied academically. Wide-ranging skills, apparently useless for Canadian aid organizations. Menial

tasks acceptable if field new. McIntyre, 9135 118 Street, T6G 1T6.

NATURALLY RAISED, lean, tender Alberta lamb, \$2.65/lb delivered, boxed and frozen. Phone or write Chris Harvey, 843-3494, RR#2, Bluffton, Alberta T0C 0M0, for order form.

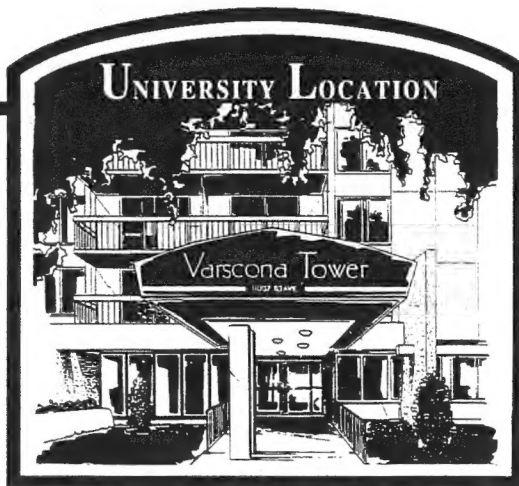
GINSENG GREEN TEA, diet tea, royal jelly. 458-9612 evenings.

WILL EXCHANGE - Garage use (78 Avenue) for snow shovelling or rent garage for \$30/month. 437-1970, 492-0958.

IF INTERESTED in a Lesbian and Gay coalition within Graduate Students' Association (pending), send name and contact number to J Noble, Department of English, Humanities. Confidentiality guaranteed.



PLEASE
RECYCLE
THIS PAPER



VARSCONA TOWER

- * *Walking Distance to the U of A Campus and U of A Hospital*
- * *Affordable Condominium Living in the Garneau Area*
- * *Large Units with Choice of Spacious Layouts*
- * *CMHC Approved - 5% Down*

Call 433-4050
for further details

OPEN HOUSE
11007 - 83 Ave.
Mon - Fri - 3:30 - 8:30 pm
Sat, Sun - 12:00 - 5:00 pm

RUTHERFORD PLACE CONDO FOR SALE

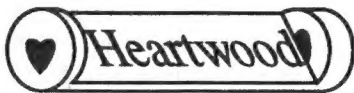
University of Alberta/Old Strathcona Area, adjacent to River Valley, close access to LRT, main bus routes, shopping; 2 bedrooms, 2 full baths, gas fireplace; upgraded with central air conditioning, covered parking 6 appliances and more; third floor, s.w. location, 1158 sq.ft., low condo fees include all gas, water and heating costs, beautiful new building with elevator
8503 - 108 St. only \$139,900.00
phone 439-8829 or call Max at 488-2500
- No agents please.



We're Still
Here

SENATE TRAVEL
Working with the University Community since 1969.
University, business or vacation travel! Whether you need unique arrangements or travel on a budget we've been studying your travel needs for over 20 years.
Groups, Conference Arrangements,
Air, Tour, Hotel and Car Reservations.
Insurance. Rail Passes.
Conveniently located in Hub Mall on the U of A Campus.
SENATE TRAVEL U of A Travel Specialists
Phone 492-2756 • 9006 HUB MALL

Renovations



Renew your home
with heart

RESIDENTIAL

Interiors

Plan Development

Cabinets and Furniture

Free Estimates

Dennis Ellerman Terry Kuzyk
466-5941 455-9562

**Back problems?
Headaches?
Tension?
Injuries?
Stress?**

The European pain relief alternative! Heat, massage, chiro-gymnastics, interferential electricity.
Maria Krieg, spine specialist, trained in Germany.
Reimbursable by supplementary health care.

**BACK
BASICS**
Remedial Therapy

11610
75 Ave.
436-8059

Money Management

Tailor-made financial plans using fee-based, performance-driven money managers. World-calibre investment advice, service, and results for individuals, corporations, or trustees of \$100,000+

For further information, and to reserve the loan of our VHS Video Presentations, we invite you to contact:

Mr. Frank S. Grisdale, B.A.
Financial Advisor

429-1100 or 1-800-232-1959

MIDLAND WALWYN
INDIVIDUAL FINANCIAL SOLUTIONS

MANAGER

INTERNATIONAL CONVENTION SECRETARIAT

The Edmonton Convention Centre is seeking an innovative and accomplished individual to manage and market a convention funding and administration program directed to University of Alberta faculty and staff. This challenging position carries responsibility for extensive presentations, consultation to local convention host committees, industry liaison and budget management.

The successful candidate will have outstanding presentation skills, sound administration skills and a proven management record, preferably from positions at the University. A thorough understanding of protocol and practices at the University is a must. Salary is in the mid-\$40,000 range.

Applicants should submit their resumes promptly to:
Deborah Witwicki
Director of Marketing and Public Relations
Edmonton Convention Centre
9797 Jasper Avenue
Edmonton, Alberta
T5J1N9

ICS
INTERNATIONAL
CONVENTION
SECRETARIAT